



GPU Nuclear, Inc.
Route #9 South
Office Box 388
Forked River, NJ 08731-0388
Tel: 609-971-4000

October 15, 1996
6730-96-2310

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Dear Sir:

SUBJECT: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Monthly Operating Report - September, 1996

In accordance with the Oyster Creek Nuclear Generating Station Operating License No. DPR-16, Appendix A, Section 6.9.1, enclosed are two (2) copies of the Monthly Operating Data (Gray Book information) for the Oyster Creek Nuclear Generating Station.

If you should have any questions, please contact Ms. Brenda DeMerchant, Oyster Creek Regulatory Affairs Engineer, at 609-971-4642.

Very truly yours,

Michael B. Roche
Vice President & Director
Oyster Creek

MBR/BDeM/gl

Enclosures

cc: Administrator, Region I (2 copies)
NRC Project Manager
NRC Resident Inspector

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SUMMARY

SEPTEMBER, 1996

Oyster Creek automatically shutdown on September 4 at 2053 on low condenser vacuum. A valve controller problem during condenser backwash caused the event. Because the event occurred close to the scheduled start date of 16R, a decision was made to remain shutdown and begin the outage early.

The plant generated 54,664 net MWH during the month and achieved an MDC net capacity factor of 12.3%.

MONTHLY OPERATING REPORT

Licensee Event Reports - September, 1996

On 07/13/96, the B Augmented Offgas (AOG) Recombiner Outlet Hydrogen Analyzer was left in the test mode while placing the AOG system in service. This monitor measures the outlet hydrogen concentration and isolates and bypasses the AOG system on a high level condition. Tech Spec 3.15 requires the hydrogen analyzer to be operable whenever the AOG System is in service. This deviation from the Tec Specs was discovered on 08/18/96.

The cause of this event has been determined to be inadequate written communications, as the AOG operating procedure does not contain effective controls for placing the AOG system into service. Upon discovery, immediate corrective action was taken to place the analyzer into service. Additional long term corrective actions will be taken prior to restart from the current refueling outage to review the procedure for revision and provide a briefing to operators on system startup.

The safety significance of this event has been determined to be minimal. Redundant monitoring equipment was fully operable while the analyzer was out of service and would have provided sufficient warning of a hydrogen concentration concern.

OPERATING DATA REPORT

OPERATING STATUS

1. Docket: 50-219
2. Reporting Period: September, 1996
3. Utility Contact Paul G. Edelmann (609)-971-4097
4. Licensed Thermal Power (MWt): 1930
5. Nameplate Rating (Gross MWe): $687.5 \times 0.8 = 550$
6. Design Electrical Rating (Net MWe) 650
7. Maximum Dependable Capacity (Gross MWe): 641
8. Maximum Dependable Capacity (Net MWe): 619
9. If Changes Occur Above Since Last Report, Give Reasons: None
10. Power Level to Which Restricted, If Any (Net MWe): None
11. Reason For Restriction, If Any: None

	<u>Month</u>	<u>Year</u>	<u>Cumulative</u>
12. Report Period Hours	720.0	6575.0	234695.0
13. Hours RX Critical	92.9	5812.5	160145.4
14. RX Reserve Shutdown Hours	0.0	0.0	918.2
15. Hours Generator On-Line	92.9	5756.5	156567.2
16. UT Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy (MWH)	178886	10823345	271342838
18. Gross Electric Energy (MWH)	58906	3632114	91049689
19. Net Electric Energy (MWH)	54664	3496582	87365747
20. UT Service Factor	12.9	87.6	66.7
21. UT Available Factor	12.9	87.6	66.7
22. UT Capacity Factor (MDC Net)	12.3	85.9	60.7
23. UT Capacity Factor (DER Net)	11.7	81.8	57.3
24. UT Forced Outage Rate	35.5	4.0	9.7
25. Forced Outage Hours	51.1	242.5	16780.7

26. Shutdowns Scheduled Over Next 6 Months (Type, Date, Duration)

16R Outage, September 4, 1996; 45 to 55 Days

27. If Currently Shutdown, Estimated Startup Date: October 17, 1996

Oyster Creek Station #1

Docket No. 50-219

Refueling Information - August, 1996

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: September 7, 1996 (Actual Date: Sept. 4, 1996)

Scheduled date for restart following refueling: Currently projected for October 17, 1996

Will refueling or resumption of operation thereafter require a
Technical Specification change or other license amendment? No

Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:

1. General Electric Fuel Assemblies - Fuel design and performance analysis methods have been approved by the NRC.

The Number of fuel assemblies:	(a)	in the core	=	560
	(b)	in the spent fuel storage pool	=	2236
	(c)	in the new fuel storage vault	=	8

NOTE: Reported fuel assembly numbers are as of October 1, 1996, at 12:00 noon.

The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

Present Licensed Capacity: 2645

The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

Full core discharge capacity to the spent fuel pool will be lost after the 1996 refueling outage.

AVERAGE DAILY POWER LEVEL
NET MWe

DOCKET #	50-219
UNIT	Oyster Creek #1
REPORT DATE	10/4/96
COMPILED BY.	Paul G. Edelmann
TELEPHONE #.	(609) 971- 4097

Month: September, 1996

DAY	MW	DAY	MW
1	612	16	0
2	612	17	0
3	612	18	0
4	526	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-219
UNIT NAME: Oyster Creek
DATE: October 11, 1996
COMPLT'D BY: David M. Egan
TELEPHONE: 609/971-4818

REPORT MONTH: September 1996

No.	DATE	TYPE F: Forced S: Scheduled	DURATION (hours)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
6	9/4/96	F	51.1	a	3	Plant trip on Low Condenser Vacuum. A valve controller problem during condenser backwash was the root cause of the event.
	9/7/96	S	576	n/a	n/a	Plant remained shutdown. Scheduled start of 16R reached 9/7/96.

SUMMARY:

(1) REASON

- a. Equipment Failure (Explain)
- b. Maintenance or Test
- c. Refueling
- d. Regulatory Restriction

- e. Operator Training & Lic Exam
- f. Administrative
- g. Operational Error (Explain)
- h. Other (Explain)

(2) METHOD

- 1. Manual
- 2. Manual Scram
- 3. Automatic Scram
- 4. Other (Explain)